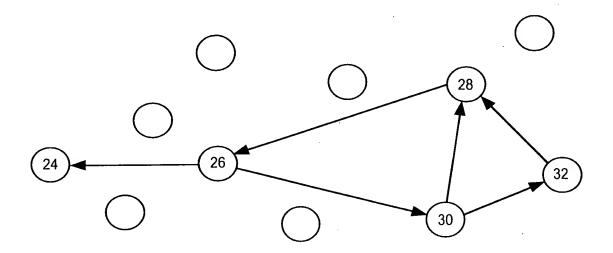
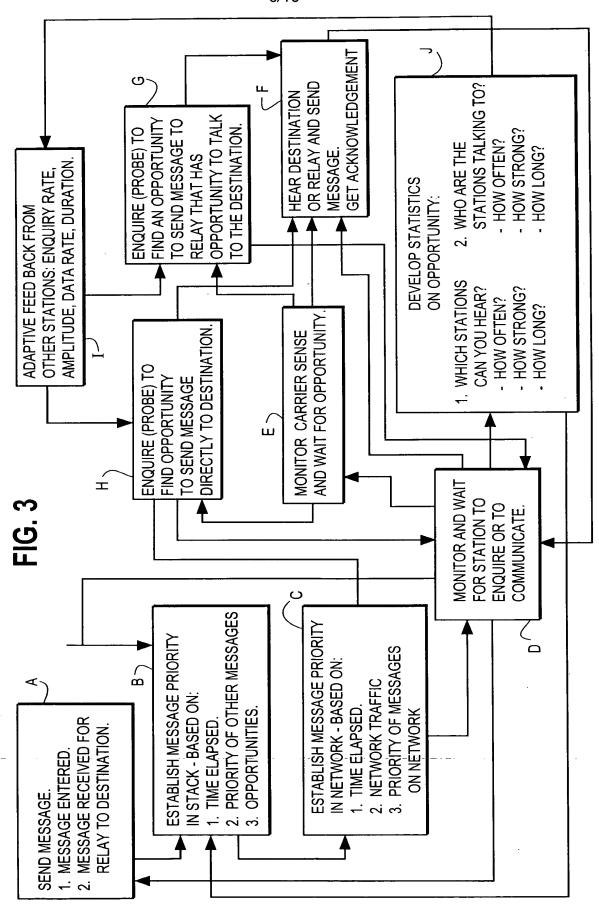
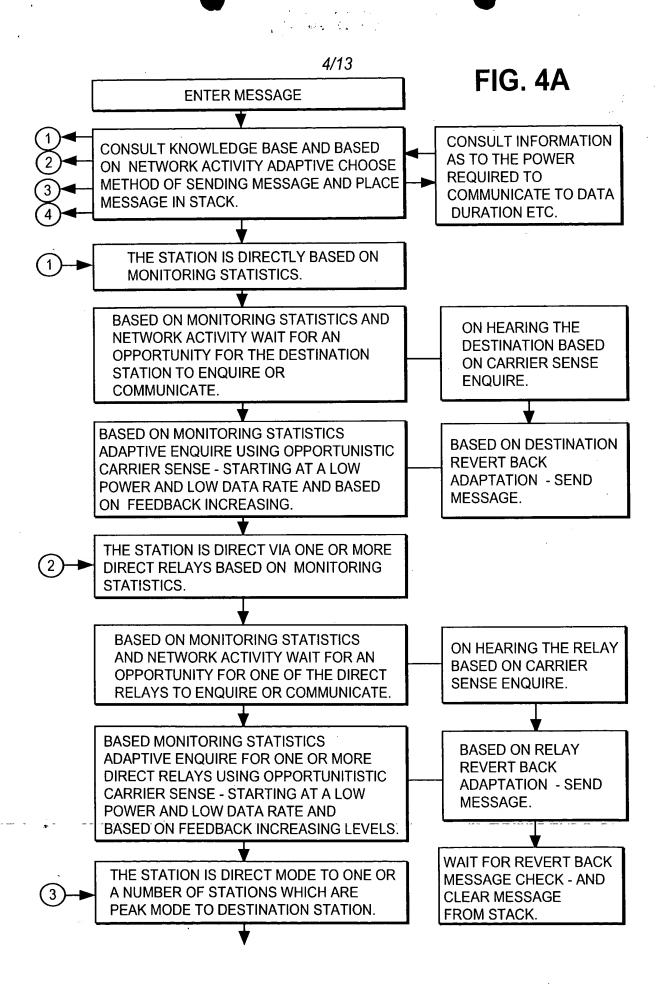


FIG. 2







## FIG. 4B

BASED ON MONITORING STATISTICS AND NETWORK ACTIVITY DISTRIBUTE THE MESSAGE TO OTHER DIRECT STATIONS. ALL THE STATIONS THEN MONITOR FOR AN OPPORTUNITY TO HEAR A STATION THAT IS DIRECT TO THE DESTINATION STATION.

ON ANY ONE OF THE GROUP OF STATIONS HEARING THE DESTINATION. ON HEARING THE DESTINATION BASED ON CARRIER SENSE ENQUIRE.

BASED ON MONITORING STATISTICS
ADAPTIVE ENQUIRE FOR ONE OR MORE
DIRECT RELAYS USING OPPORTUNISTIC
CARRIER SENSE - STARTING AT A LOW
POWER AND LOW DATA RATE AND BASED
ON FEEDBACK INCREASING LEVELS.

BASED REVERT BACK
ADAPTATION - ONE OF THE
GROUP OF STATIONS SENDS
THE MESSAGE AND TELLS
THE REST OF THE GROUP THEY THEN CLEAR MESSAGE
FROM THEIR STACK.

THE STATION IS IN PEAK MODE TO ONE OR A NUMBER OF STATIONS WHICH ARE IN DIRECT MODE TO THE DESTINATION STATION.

BASED ON MONITORING STATISTICS AND NETWORK ACTIVITY DISTRIBUTE THE MESSAGE TO OTHER DIRECT STATIONS. ALL THE STATIONS THEN MONITOR FOR AN OPPORTUNITY TO THE DESTINATION STATION.

ON ANY ONE OF THE GROUP OF STATIONS HEARING THE DESTINATION. -BASED ON CARRIER SENSE--ENQUIRE.

BASED ON MONITORING STATISTICS THE GROUP OF STATIONS ADAPTIVE ENQUIRE FOR AN OPPORTUNITY TO ONE OR MORE DIRECT RELAY DESTINATION STATIONS USING OPPORTUNISTIC CARRIER SENSE-STARTING AT A LOW POWER AND LOW DATA RATE AND BASED ON FEEDBACK INCREASING LEVELS.

BASED REVERT BACK
ADAPTATION - ONE OF THE
GROUP OF STATIONS SENDS
THE MESSAGE AND TELLS
THE REST OF THE GROUP THEY THEN CLEAR MESSAGE
FROM THEIR STACK.

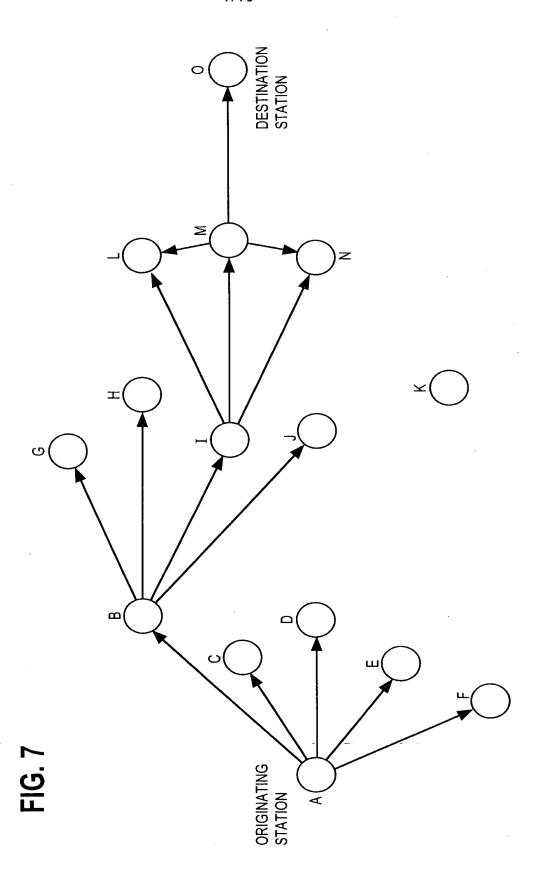
WAIT FOR REVERT BACK MESSAGE CHECK - AND THE ORIGINATIING STATION CLEARS MESSAGE FROM STACK.

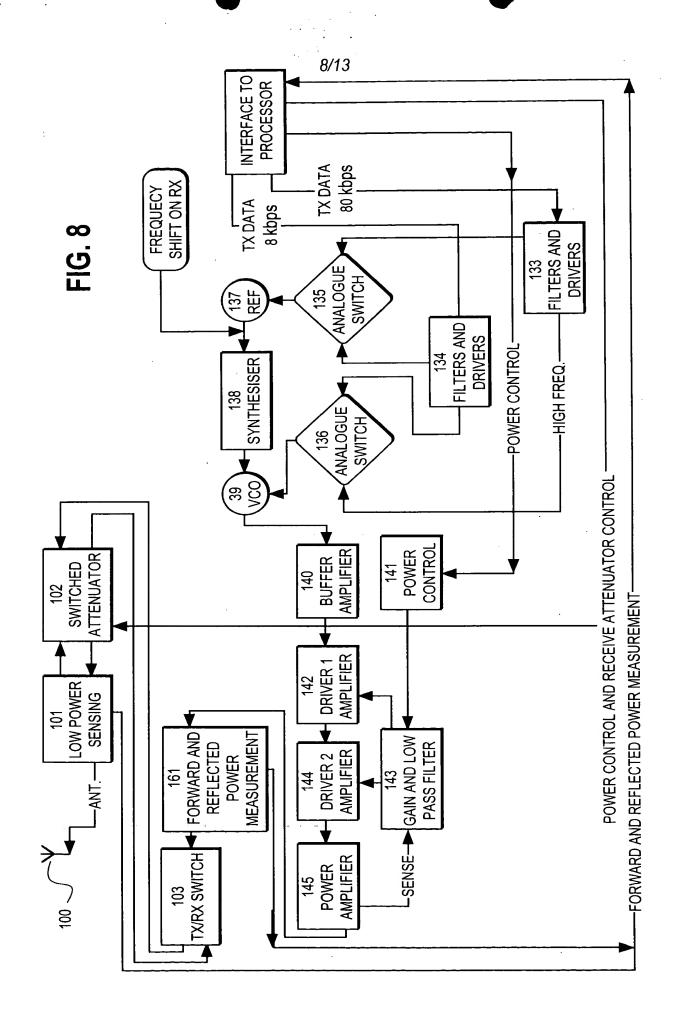
## FIG. 5

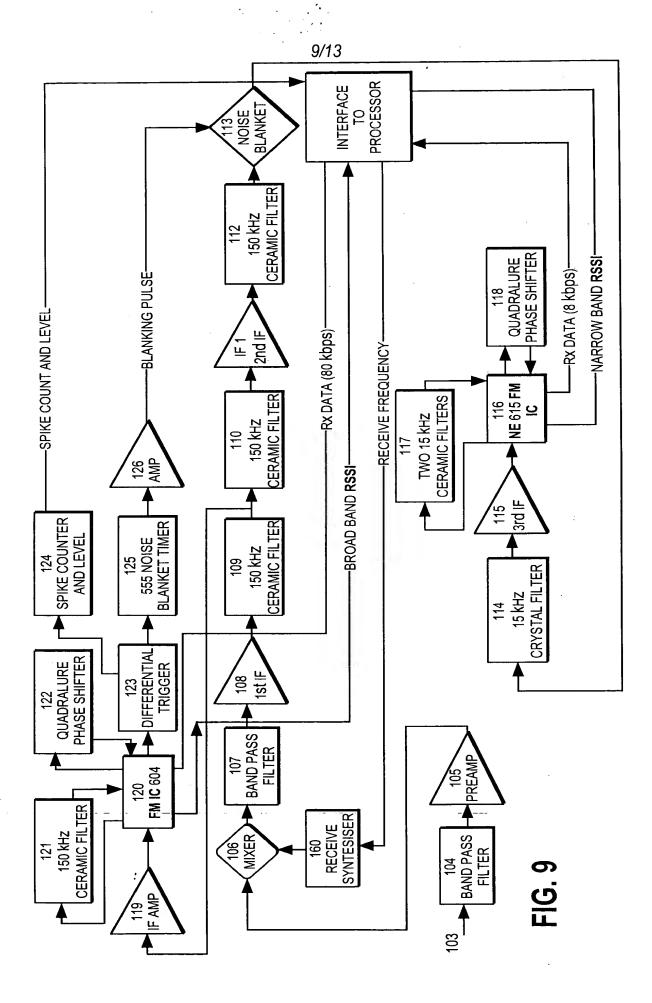
ERROR CORRECTION AND DETECTION CODES.
ORIGINATION ADDRESS, MESSAGE IDENTIFIER AND MESSAGE DATA
FINAL PARAMETERS-DESTINATION POWER, DATA ADDRESS OF RATE, DURATION, DUTY CYCLE.
DESTINATION PINAL DESTINATION PESTINATION
DESTINATION ADDRESS OF CURRENT HOP.
ORIGINATION MESSAGE ADDRESS OF TYPE. CURRENT HOP.
MESSAGE TYPE.
SYNCHRONISATION SEQUENCE - TO ALLOW MODEM TO LOCK.

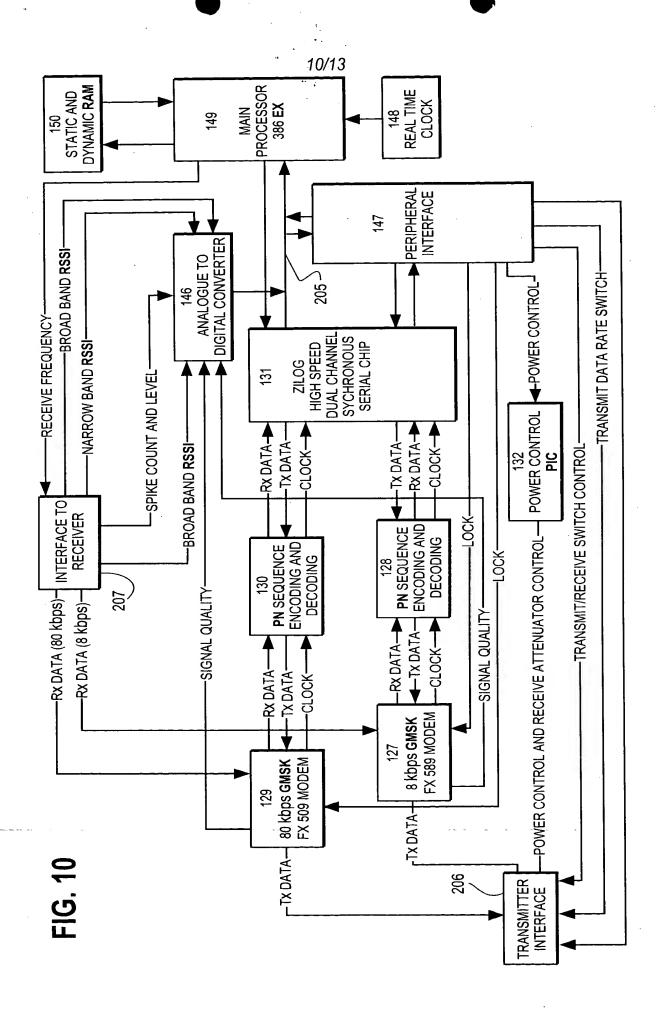
FIG. 6

ADAPTATION CONTROL PARAMETERS- ERROR POWER, DATA PROBE, REQUEST, CORRECTION RATE, ACKNOWLEDGEMENT, CODES. DUTY CYCLE. ACKNOWLEDGE.
FINAL PARAMETERS-DESTINATION POWER, DATA ADDRESS OF RATE, DURATION, DUTY CYCLE.
DESTINATION DESTINATION ADDRESS OF CURRENT HOP. MESSAGE.
ORIGINATION AESSAGE ADDRESS OF YPE. CURRENT HOP.
SYNCHRONISATION SEQUENCE - TO ALLOW MODEM TO LOCK.









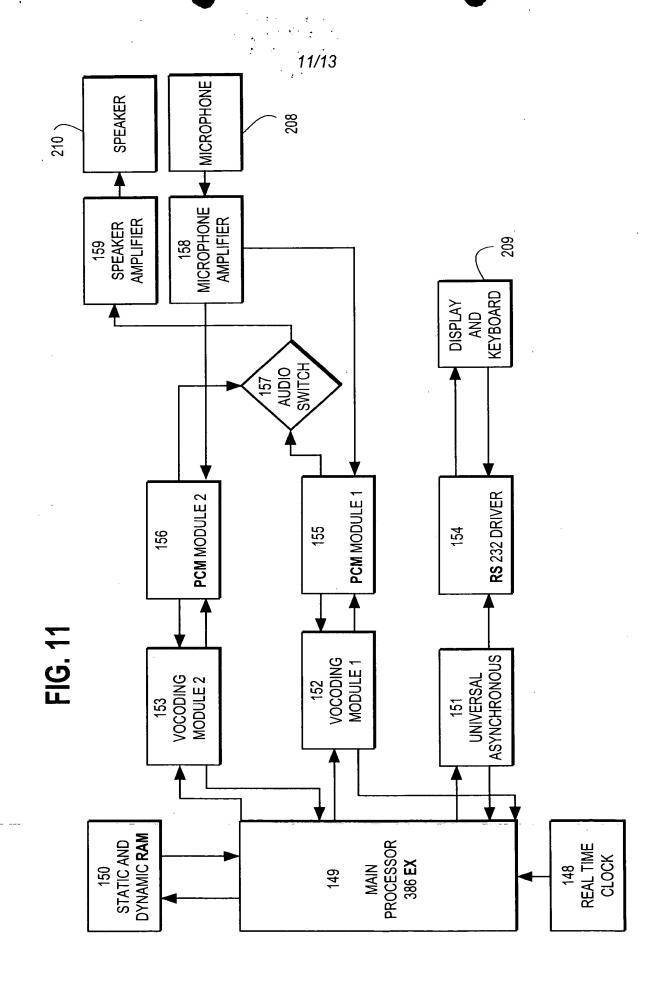


FIG. 12

